

WHAT IS CLAIMED IS:

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a5 1. ~~An image display apparatus comprising:~~
imaging section having photoelectric
conversion devices arranged in the form of a matrix,
said imaging section sequentially outputting signals
5 generated by said photoelectric conversion devices in
parallel column by column of said matrix; and
display section having display devices
arranged in the form of a matrix, which displays an
image represented by signals applied thereto at the time
10 of application of driving pulses, said display section
applying the signals output in parallel from said
imaging section to said display devices column by column
and supplying said driving pulses line by line in a
~~predetermined order.~~

1 2. The image display apparatus according to
claim 1, wherein said imaging section comprises a CCD
imaging device or a MOS imaging device.

1 3. The image display apparatus according to
claim 1, wherein said display section comprises a liquid
crystal display.

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a6 4. ~~An image display apparatus comprising:~~
imaging section having photoelectric
conversion devices arranged in the form of a matrix,
said imaging section sequentially outputting signals
5 generated by said photoelectric conversion devices in
parallel column by column of said matrix;
signal conversion section for performing a
~~processing for the signals output from said imaging~~

10 section in parallel column by column and outputting the
processed signals in parallel; and

display section having display devices
arranged in the form of a matrix, which display an image
represented by signals applied thereto at the time of
application of driving pulses, said display section
15 applying the signals output in parallel from said signal
conversion section to said display devices column by
column and supplying said driving pulses line by line in
a predetermined order.

1 5. The image display apparatus according to
claim 4, wherein said imaging section comprises a CCD
imaging device or a MOS imaging device.

1 6. The image display apparatus according to
claim 4, wherein said display section comprises a
liquid crystal display.

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a7 1 7. The image display apparatus according to
claim 4, said apparatus further comprising:
parallel-to-serial conversion section for
converting the signals output in parallel from said
signal conversion section to serial signals.

1 8. An image display apparatus comprising:
imaging section having photoelectric
conversion devices arranged in the form of a matrix,
said imaging section sequentially outputting signals
5 generated by said photoelectric conversion devices in
parallel column by column of said matrix;

signal conversion section for performing a
processing for the signals output in parallel from said

10 ~~imaging section column by column and outputting the~~
processed signals in parallel; and
parallel-to-serial conversion section for
converting the signals output in parallel from said
signal conversion section to serial signals.

1 9. The image display apparatus according to
claim 8, wherein said imaging section comprises a CCD
imaging device or a MOS imaging device.

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as 10. ~~A display apparatus comprising:~~
serial-to-parallel conversion section for
converting signals serially input thereto to parallel
signals and outputting the signals; and
5 display section having display devices
arranged in the form of a matrix, which display an image
represented by signals applied thereto at the time of
application of driving pulses, said display section
applying the signals output in parallel from said
10 serial-to-parallel conversion section to said display
devices column by column and supplying said driving
pulses line by line in a predetermined order.

1 11. The display apparatus according to claim
10, wherein said display section comprises a liquid
crystal display.